

General Environmental Incident Summary

Incident: 5261 **Date/Time Notice:** 11/8/2016 1606 **DEM Incident No:**
Responsible Party: G-Style Transport
Date Incident: 11/5/2016 **Time Incident:** 1445 **Duration:** 1 minutes
County: McKenzie **Twp:** 150 **Rng:** 94 **Sec:** 16 **Qtr:**
Lat: 47.81584 **Long:** -102.71710 **Method:** Interpolation from map
Location Description: North on HWY 22 between mile marker 144 and 145

Submitted By: Bud Hawley **Affiliation:** Employee
Address: PO BOX 2104
City: Williston **State:** ND **Zip:** 58802-2104

Received By:

Contact Person: Bud Hawley
PO BOX 2104
Williston, ND 58802

Distance Nearest Occupied Building: 0.25 Miles **Release Contained:** Yes

Type of Incident: Vehicle Accident

Description of Released Contaminant: Frac Dirty water (primarily salt water)

Volume Spilled: 90.00 barrels **Ag Related:** No

EPA Extremely Hazardous Substance: Unknown **Reported to NRC:** Unknown

Cause of Incident:

Vehicle accident

Risk Evaluation:

Potential for liquid to reach small stream and eventually get to water supply. Kathleen Kangas with ND Department of Health on location performed water samples at location of still and downstream. Chloride contents at accident site were high, but tests downstream concluded Chloride did not make it to water stream (field test confirmed 147 ppm, which is below rain water levels)

of Fatalities: 0 **# of Injuries:** 1 **Affected Medium:** 04 - water and soil

Potential Environmental Impacts:

No long-term environmental impact. Spill was contained and cleaned up. All surface water and contaminants were removed before they were able to reach stream or ground water.

Action Taken or Planned:

Immediate dam of spilled liquid (within first hour). Began sucking up of surface liquid within first 2 hours. Used 2 Vac trailers and a super sucker to remove liquid. Within first 10 hours we began excavating soil and contaminants. This excavation continued for the next 36 hours. Worked closely with Scott Baker Environmental Division of 3 tribes and Kathleen Kangas from ND Dept of Health. Both signed off that contaminants were removed by 11/7 at 17:00 hours. Awaiting final soil sample results back, expected in next 24 hours or so. Final reclamation, hauling in clay, topsoil and hydro

seeding will take place week of 11/8 and 11/12 once soil samples confirm all contaminants have been removed.

Wastes Disposal Location: Prairie Disposal - 102C10 52nd St. NW. Tioga, ND 58852

Agencies Involved: State Highway Patrol, Local Law Enforcement, Local Emergency Manager

Updates

Date: 11/8/2016 **Status:** Reviewed - Follow-up Required

Author: O'Gorman, Brian

Updated Volume:

Notes:

According to the report, frac water was released in a vehicle accident. NDDoH inspector has already been on site and will continue to monitor the cleanup. More follow-up needed.

Date: 11/10/2016 **Status:** Inspection

Author: Kangas, Kathleen

Updated Volume:

Notes:

On site 11/05/16 at 6:30 p.m. Approximately 60 degrees F, light wind. Sunny and warm.

Truck accident between G-Style tanker truck carrying frac water and TEK lowboy truck carrying equipment. Spoke to G-Style company rep on site and on-site police and environmental staff. Accident occurred on Highway 22 near Mandaree just north of 47.814823,-102.716895. At that lat/long a berm had been placed in the east ditch, and water with a sheen was pooling. A chloride strip of that water showed more than 6,000 parts per million (ppm) chlorides. A vac truck is on site, and personnel are reinforcing this berm with equipment. Took water sample (three bottles - Group 190; three bottles - diesel range organics [DRO]) in the creek at 47.813127,-102.715663. Preservatives were used on indicated bottles. Several individuals with tribal environmental and rural water would like sample results sent to them. Their contact information was noted. Samples were submitted to the state lab morning of 11/07/16.

A second inspection occurred 11/07/16 at 4:30 p.m. Weather sunny and still unseasonably warm.

Crew and equipment have been on site since Saturday removing soil and remediating the areas of impact. On-site G-Style rep said 120 barrels were released, and 110 barrels have been recovered. At the time of inspection, 37 loads of contaminated soil had been removed to Prairie Disposal (PDI). Cleanup had continued mostly on the west side of the road. A vac truck was at the bermed area still sucking water out of the east ditch. Ran a low-range chloride strip which indicated 147 ppm in the remaining water. I informed company reps we are still awaiting sample results from the Group 190/DRO creek sample. On-site company rep indicated that tribal environmental staff said a spill from a couple weeks previous in the same area was never fully remediated. Left site at 5:40 p.m